

## Abstract

This application relates to a fusion protein, which is composed of a thrombolytic protein, an anticoagulant protein, and a linker peptide. In particular, the fusion protein is composed of an anticoagulant protein and a protein molecule having plasminogen-activating activity, wherein said two proteins are linked together via a linker peptide, which can be recognized and cleaved by blood coagulation factors. The application also relates to the medical use of said fusion protein, and to the use of the linker peptide which can be recognized by blood coagulation factor in linking a thrombolytic protein and an anticoagulation protein.